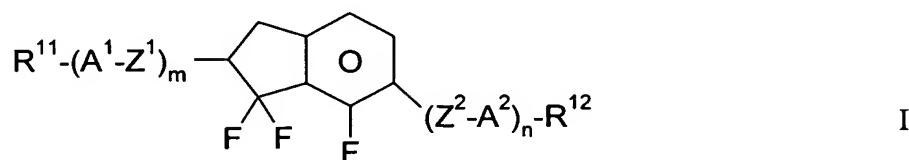


This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Original) Liquid-crystalline medium based on a mixture of polar compounds of negative dielectric anisotropy, characterised in that it comprises at least one compound of the formula I



in which

$R^{11}$  and  $R^{12}$  are each, independently of one another, H, an alkyl or alkenyl radical having up to 15 C atoms which is unsubstituted, monosubstituted by CN or  $CF_3$  or at least monosubstituted by halogen, where, in addition, one or more  $CH_2$  groups in these radicals may be replaced by  $-O-$ ,  $-S-$ , ,  $-C\equiv C-$ ,  $-OC-O-$  or  $-O-CO-$  in such a way that O atoms are not linked directly to one another,

$A^1$  and  $A^2$  are each, independently of one another,

- a) a 1,4-cyclohexenylene or 1,4-cyclohexylene radical, in which one or two non-adjacent  $CH_2$  groups may be replaced by  $-O-$  or  $-S-$ ,
- b) a 1,4-phenylene radical, in which one or two CH groups may be replaced by N,
- c) a radical from the group consisting of piperidine-1,4-diyl, 1,4-bicyclo[2.2.2]octylene, naphthalene-2,6-diyl, decahydronaphthalene-2,6-diyl, 1,2,3,4-tetrahydronaphthalene-

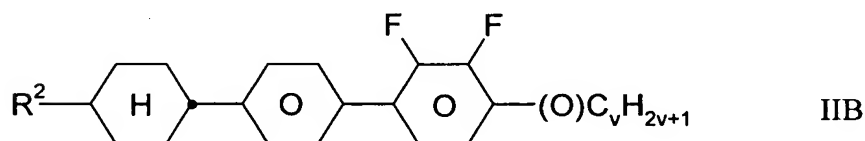
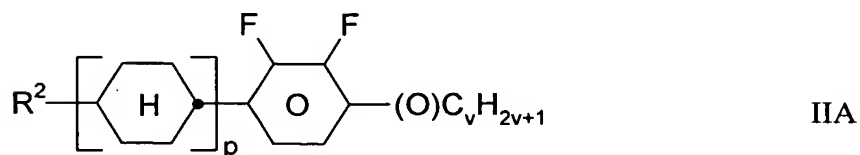
2,6-diyl, phenanthrene-2,7-diyl and fluorene-2,7-diyl,

where the radicals a), b) and c) may be monosubstituted or polysubstituted by halogen atoms, -

$Z^1$  and  $Z^2$  are each, independently of one another, -CO-O-, -O-CO-, -CF<sub>2</sub>O-, -OCF<sub>2</sub>-, -CH<sub>2</sub>O-, -OCH<sub>2</sub>-, -CH<sub>2</sub>CH<sub>2</sub>-, -(CH<sub>2</sub>)<sub>4</sub>-, -C<sub>2</sub>F<sub>4</sub>-, -CH<sub>2</sub>CF<sub>2</sub>-, -CF<sub>2</sub>CH<sub>2</sub>-, -CF=CF-, -CH=CF-, -CF=CH-, -CH=CH-, -C≡C- or a single bond, and

m and n are each, independently of one another, 0, 1 or 2, where  $m + n \geq 1$ .

2. (Original) Liquid-crystalline medium according to Claim 1, characterised in that it additionally comprises one or more compounds of the formulae IIA and/or IIB



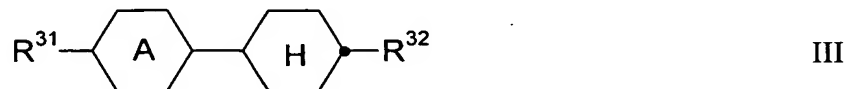
in which

$R^2$  is an alkyl or alkenyl radical having up to 15 C atoms which is unsubstituted, monosubstituted by CN or CF<sub>3</sub> or at least monosubstituted by halogen, where, in addition, one or more CH<sub>2</sub> groups in these radicals may each be replaced, independently of one another, by -O-, -S-, , -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another,

p is 1 or 2, and

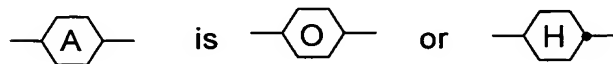
v is from 1 to 6.

3. (Currently Amended) Liquid -crystalline medium according to Claim 1 ~~or 2~~, characterised in that it additionally comprises one or more compounds of the formula III



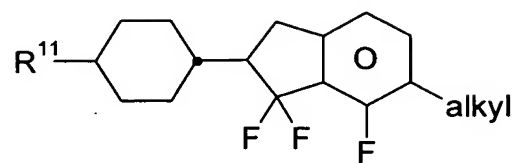
in which

$R^{31}$  and  $R^{32}$  are each, independently of one another, a straight-chain alkyl, alkenyl, alkylalkoxy or alkoxy radical having up to 12 C atoms, and

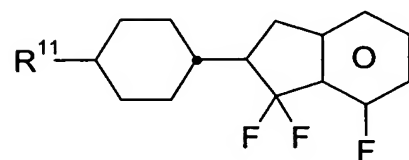


4. (Currently Amended) Liquid -crystalline medium according to claim 1 ~~one of Claims 1 to 3~~, characterised in that it comprises one, two, three, four or more compounds of the formula I.
5. (Currently Amended) Liquid -crystalline medium according to claim 1 ~~one of Claims 1 to 4~~, characterised in that the proportion of compounds of the formula I in the mixture as a whole is at least 5% by weight.
6. (Currently Amended) Liquid -crystalline medium according to claim 1 ~~one of Claims 1 to 5~~, characterised in that the proportion of compounds of the formulae IIA and/or IIB in the mixture as a whole is at least 20% by weight.
7. (Currently Amended) Liquid -crystalline medium according to claim 1 ~~one of Claims 1 to 6~~, characterised in that the proportion of compounds of the formula III in the mixture as a whole is at least 5% by weight.
8. (Currently Amended) Liquid -crystalline medium according to claim 1 ~~one of Claims 1 to 7~~, characterised in that it comprises at least one compound selected

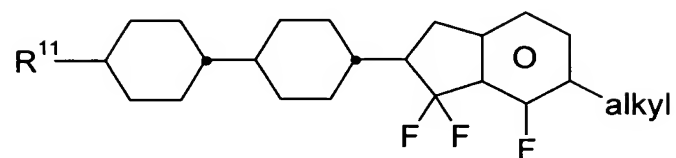
from the formulae I1 to I36



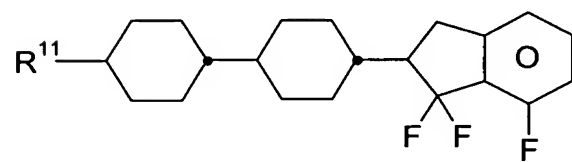
I1



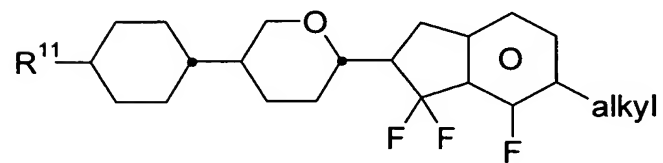
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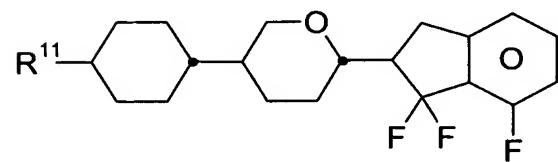
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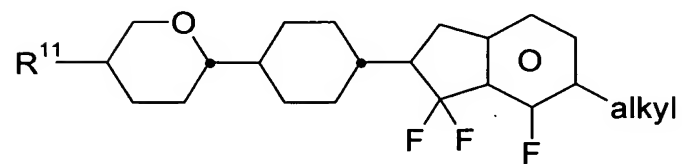
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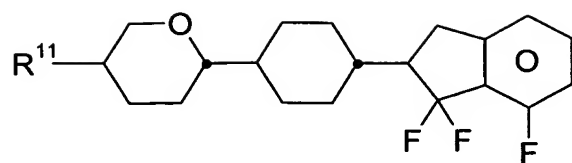
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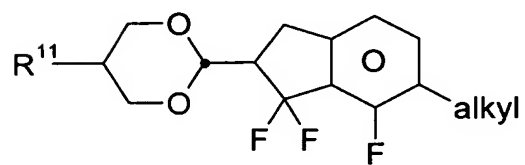
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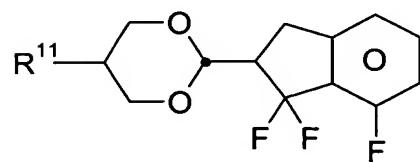
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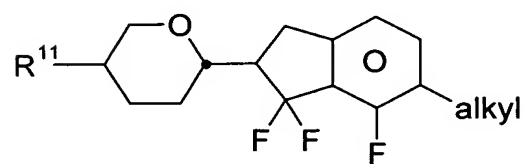
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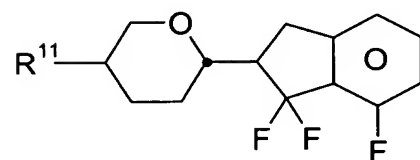
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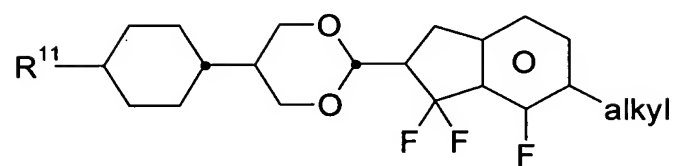
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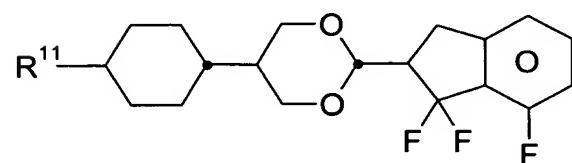
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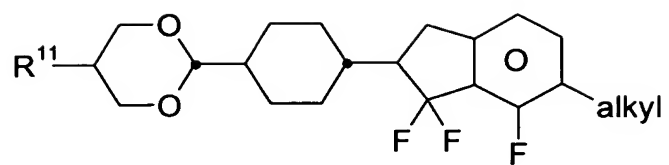
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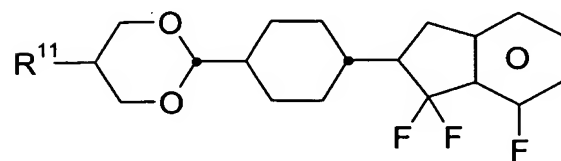
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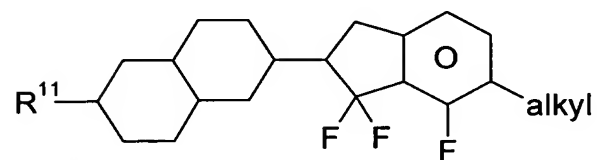
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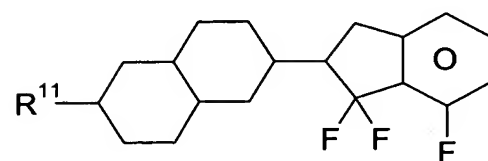
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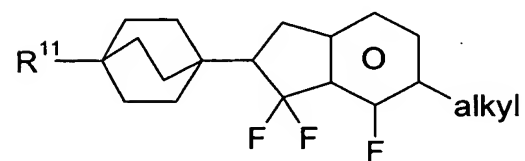
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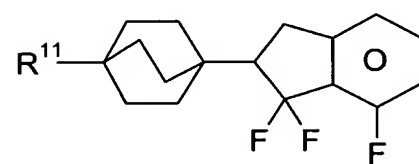
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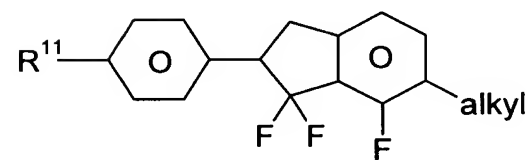
I18



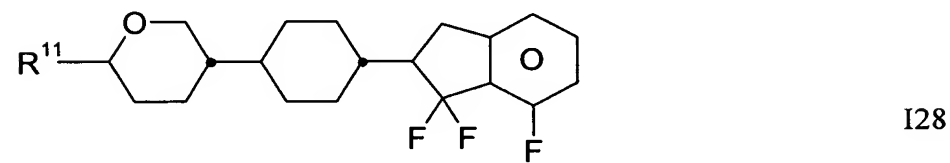
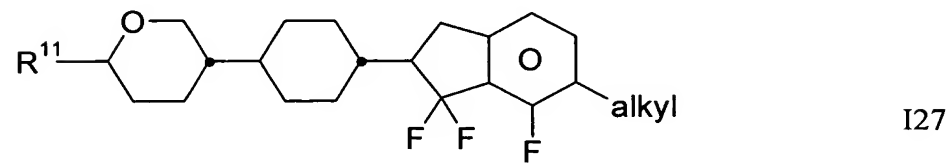
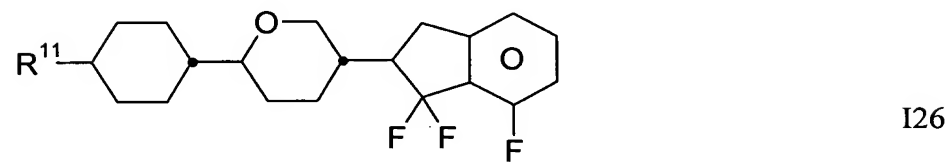
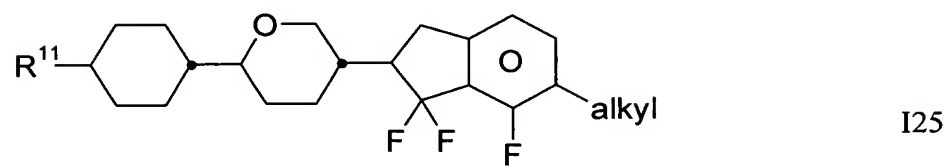
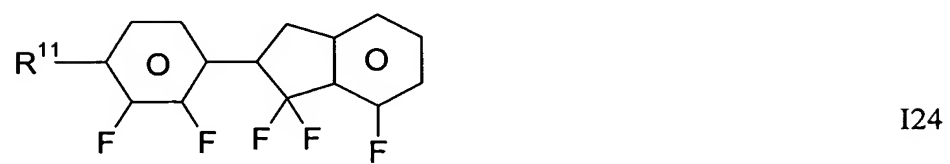
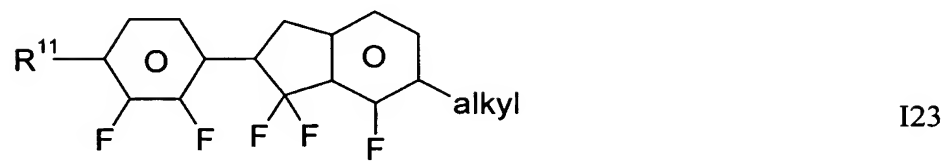
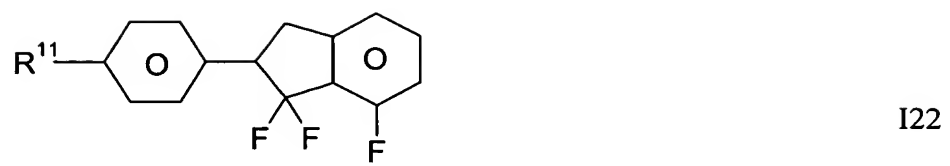
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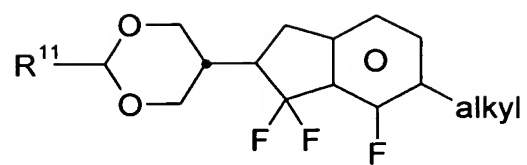


I20

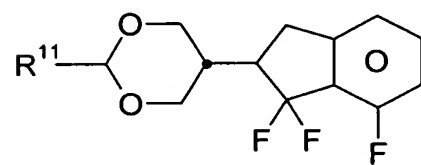


I21

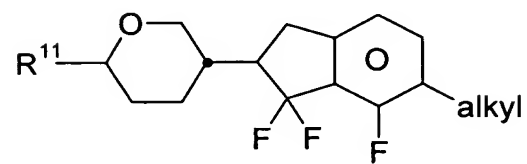




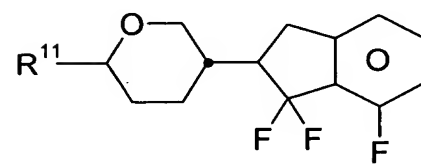
I29



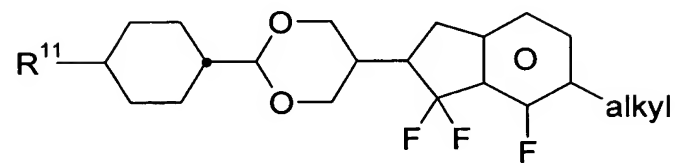
I30



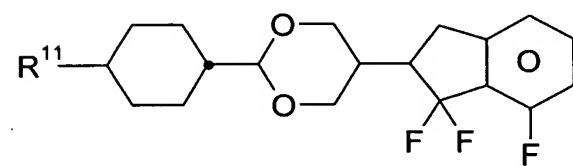
I31



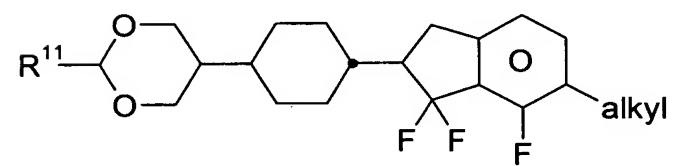
I32



I33

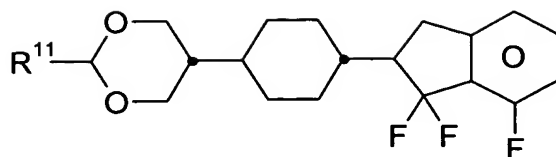


I34



I35





I36

in which

R<sup>11</sup> is as defined in Claim 1, and alkyl is a straight-chain alkyl radical having 1-6 C atoms.

9. (Currently Amended) Liquid -crystalline medium according to claim 1 ~~one of Claims 1 to 8~~, characterised in that it essentially consists of

5-30 % by weight of one or more compounds of the formula I

and

20-70 % by weight of one or more compounds of the formulae IIA and/or IIB.

10. (Currently Amended) Electro -optical display with active-matrix addressing based on the ECB, PALC or IPS effect, characterised in that it contains, as dielectric, a liquid-crystalline medium according to claim 1 ~~one of Claims 1 to 9~~.